

INTERNATIONAL SEARCH REPORT

Internal action No
PCT/IT 03/00862

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 F27D3/14 F27B7/33 C22C1/02

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 F27D F27B C22C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DE 200 13 042 U (SUG SCHMELZ UND GIESANLAGEN GM) 21 December 2000 (2000-12-21) page 2, line 25 -page 3, line 15 figures 1,2	1-15
A	UNLU N ET AL: "Comparison of salt-free aluminum dross treatment processes" RESOURCES CONSERVATION AND RECYCLING, ELSEVIER SCIENCE PUBLISHER, AMSTERDAM, NL, vol. 36, no. 1, July 2002 (2002-07), pages 61-72, XP004393588 ISSN: 0921-3449 paragraph '02.1!; figure 2	1-15
A	EP 0 400 925 A (ALCAN INT LTD) 5 December 1990 (1990-12-05) abstract; figures 1-5	1-15

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the International filing date
- *L* document which may throw doubts on priority, claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the International filing date but later than the priority date claimed

- *T* later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the International search

26 March 2004

Date of mailing of the International search report

07/04/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel: (+31-70) 340-2040, Tx: 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Lombois, T

INTERNATIONAL SEARCH REPORT

International Application No

PCT/IT 03/00862

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 02 39044 A (SPOLETO ANTONIO) 16 May 2002 (2002-05-16) cited in the application abstract; figures 1,3 ----	1-15
A	WO 02 101309 A (BRANCO FRANCESCO ; CATALANO ADRIANA (IT); GANDOLFO DONATELLA (IT);) 19 December 2002 (2002-12-19) cochlea of feeding (4) abstract; figure 1 ----	1-15
A	PATENT ABSTRACTS OF JAPAN vol. 1998, no. 14, 31 December 1998 (1998-12-31) & JP 10 244241 A (MITSUBISHI ALUM CO LTD), 14 September 1998 (1998-09-14) abstract ----	1-15
A	US 4 010 935 A (STEPHENS WILBUR E) 8 March 1977 (1977-03-08) abstract; figures 2,4 ----	1-15
A	US 4 491 473 A (ZUBER CHESTER L ET AL) 1 January 1985 (1985-01-01) "screw or worm (52) to move the crap through the furnace", cf col.4, 1.54-67 abstract; figures 2,3 -----	1-15

INTERNATIONAL SEARCH REPORT

Information on patent family members

Intern.	cation No
PCT/IT 03/00862	

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
DE 20013042	U	21-12-2000	DE	20013042 U1		21-12-2000
EP 0400925	A	05-12-1990		AT 121799 T AU 626098 B2 AU 5599690 A BR 9002527 A DE 69018874 D1 EP 0400925 A2 JP 3215632 A NO 902378 A , B, NZ 233835 A US 5122181 A ZA 9004115 A		15-05-1995 23-07-1992 29-11-1990 13-08-1991 01-06-1995 05-12-1990 20-09-1991 03-12-1990 25-09-1991 16-06-1992 29-05-1991
WO 0239044	A	16-05-2002		AU 2250702 A CN 1394272 T EP 1334324 A2 WO 0239044 A2		21-05-2002 29-01-2003 13-08-2003 16-05-2002
WO 02101309	A	19-12-2002	IT	NA20010030 A1 WO 02101309 A1		09-12-2002 19-12-2002
JP 10244241	A	14-09-1998		NONE		
US 4010935	A	08-03-1977		FR 2336649 A1 GB 1508935 A IT 1067854 B JP 1268567 C JP 52080210 A JP 59047015 B SE 413547 B SE 7608736 A		22-07-1977 26-04-1978 21-03-1985 10-06-1985 05-07-1977 16-11-1984 02-06-1980 23-06-1977
US 4491473	A	01-01-1985		NONE		